



## SAFETY DATA SHEET

### 01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE:	Witch Hazel – Natural - USP
SUPPLIER NAME:	YellowBee Packaging and Supplies Inc.
SUPPLIER ADDRESS:	#106 2880 107 Ave SE Calgary AB T2Z3R7 Canada
TELEPHONE NUMBER:	(587) 352 3929
RECOMMENDED USE:	Domestic and Industrial

### 02. HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: CLASSIFICATION ACCORDING TO REGULATION (EC) NO. 1272/2008 [CLP/GHS]:	Flash point: 43.10°C (109.58°F) (Closed cup). Under the sustained combustibility test L2, the product does not support combustion, therefore the material is classified as "Non-Hazardous for transportation".
CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC [DSD]:	None
LABEL ELEMENTS:	None
HAZARD STATEMENTS:	P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
PRECAUTIONARY STATEMENTS:	P381: Eliminate all ignition sources if safe to do so. P410+P403: Protect from sunlight. Store in a well ventilated place.
OTHER HAZARDS:	
SUBSTANCE MEETS THE CRITERIA FOR PBT ACCORDING TO REGULATION (EC) NO. 1907/2006 ANNEX XIII:	PBT assessment not available as chemical safety assessment not required/not conducted.
SUBSTANCE MEETS THE CRITERIA FOR vPvB ACCORDING TO REGULATION (EC) NO. 1907/2006 ANNEX XIII:	vPvB assessment not available as chemical safety assessment not required/not conducted.
OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION:	Not available.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	EC Number	Percent
Witch Hazel Distillate	84696-19-5	283-637-9	85-86%
Alcohol (Ethanol-Natural Grain USP)	64-17-5	200-578-6	14-15%



**04. FIRST AID MEASURES**

GENERAL ADVICE:

INHALATION:

INGESTION:

SKIN CONTACT:

EYE CONTACT:

PROTECTION OF FIRST-AIDERS:

MOST IMPORTANT SYMPTOMS AND EFFECTS,  
BOTH ACUTE AND DELAYED:

POTENTIAL ACUTE HEALTH EFFECTS:

INHALATION:

INGESTION:

SKIN CONTACT:

EYE CONTACT:

OVER-EXPOSURE SIGNS/SYMPTOMS:

INHALATION:

INGESTION:

SKIN CONTACT:

EYE CONTACT:

INDICATION OF ANY IMMEDIATE MEDICAL  
ATTENTION AND SPECIAL TREATMENT NEEDED:

Get medical attention if any discomfort continues. Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Seek prompt medical attention.

Never make an unconscious person vomit or drink fluids! Do not induce vomiting! If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

Remove affected person from source of contamination. Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Seek medical attention if irritation persists after washing.

Promptly wash eyes with lots of water while lifting the eyelids. Continue to rinse for at least 15 minutes and seek medical attention. Remove contact lenses if present and easy to do so.

No additional information.

May cause mild irritation of the throat

May cause nausea

None known

May cause irritation and redness

No specific data

No specific data

No specific data

No specific data

No data available

**05. FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA:

SUITABLE EXTINGUISHING MEDIA:

UNSUITABLE EXTINGUISHING MEDIA:

SPECIAL HAZARDS ARISING FROM  
THE SUBSTANCE OR MIXTURE:

HAZARDOUS THERMAL

DECOMPOSITION PRODUCTS:

ADVICE FOR FIRE-FIGHTERS:

SPECIAL PRECAUTIONS

Water spray, fog or mist, foam, dry chemicals, sand, dolomite, etc.

None specified

May explode when heated or when exposed to flames or sparks. May react with oxidizing materials.

Carbon oxides, may produce hydrocarbon fumes



FOR FIRE-FIGHTERS:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Cool containers exposed to flames with water from the side until well after the fire is out. Move container from fire area if it can be done without risk.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**06. ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Avoid breathing vapors, mist or gas. Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

ENVIRONMENTAL PRECAUTIONS:

Do not flush large quantities into surface water or sanitary sewer system. Prevent large quantities of product from entering drains. For smaller quantities, drench with water making sure that washings enter drain only when very diluted.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Contain spill and pump into a suitable container. Flush area with copious amounts of water.

**07. HANDLING & STORAGE**

PRECAUTIONS FOR SAFE HANDLING:

Keep away from heat, sparks and open flame. Avoid acids, moisture and combustible materials. Do not smoke in work area! Eating, smoking and water fountains prohibited in immediate work area. Always observe good personal hygiene practices, especially when working with chemicals.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep in cool, dry, ventilated storage and closed containers. Store isolated from oxidizing materials. Store away from all sources of ignition. Store in containers made of stainless steel, polyethylene or glass. Do not store in contact with Iron, Aluminum, Zinc, Copper or their alloys since Witch Hazel is particularly reactive with Iron. Product will discolor if it comes in contact with Iron.

**08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Airborne Exposure Limits:

Ingredient	CAS Number	Limited Exposure (8 Hours)	Standard Exposure (15 Minutes)
Witch Hazel Distillate	84696-19-5	None specified	None specified
Alcohol (Ethanol-Natural Grain USP)	64-17-5	1000 ppm	None specified



VENTILATION SYSTEM:

A system of local and/or general exhaust is recommended. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

PERSONAL RESPIRATORS (NIOSH APPROVED):

For emergencies or instances where the exposure levels are not known, use a full face, positive pressure, air supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

SKIN PROTECTION:

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION:

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

## 09. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:

Clear, colorless liquid

ODOR:

Characteristic

ODOR THRESHOLD:

Not determined

pH:

3.0-5.0

MELTING POINT:

-8°C (17.6°F)

BOILING POINT/BOILING RANGE:

88°C (190.4°F) 760mmHg

FLASH POINT:

43.10°C (109.58°F)

EVAPORATION RATE (BuAC=1):

Not determined

FLAMMABILITY:

Does not sustain combustion

UPPER/LOWER FLAMMABILITY

OR EXPLOSIVE LIMITS:

Not determined

VAPOR PRESSURE (mm Hg):

18.75@20°C (65.75°F)

VAPOR DENSITY (Air=1):

1.03

RELATIVE DENSITY:

0.976-0.982@20°C(BPC),0979-0983@25°C(USP)

SOLUBILITY:

Very soluble in water

PARTITION COEFFICIENT:

Not determined

AUTO-IGNITION TEMPERATURE:

Not determined

DECOMPOSITION TEMPERATURE:

Not determined

VISCOSITY:

Not determined

EXPLOSIVE PROPERTIES:

Does not sustain combustion

OXIDIZING PROPERTIES:

Not oxidizing

OTHER INFORMATION:

No specific data

## 10. STABILITY & REACTIVITY

REACTIVITY:

No data available

CHEMICAL STABILITY:

Stable under recommended storage conditions

POSSIBILITY OF HAZARDOUS REACTIONS:

May react with oxidizing materials

CONDITIONS TO AVOID:

Heat, flames and sparks

INCOMPATIBLE MATERIALS:

Iron, Aluminum, Zinc, Copper and their alloys

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon oxides, may produce hydrocarbon fumes.



**11. TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY:

Chemical Name	Oral LD50	Inhalation LC50
Witch Hazel Distillate (84696-19-5)	None specified	None specified
Alcohol (Ethanol-Natural Grain USP) (64-17-5)	20,000 ppm (10 hours-rat)	7060 mg/kg (rat)

POTENTIAL HEALTH EFFECTS:

No specific health warning noted. No specific symptoms noted, but this material may still have adverse health impact, either general or on certain individuals.

INHALATION:

May cause mild irritation of the throat

INGESTION:

May cause nausea

SKIN CONTACT:

None known

EYE CONTACT:

May cause irritation and redness

CHRONIC EXPOSURE:

No data available

AGGRAVATING OF PRE-EXISTING CONDITIONS:

No data available

SPECIFIC TARGET ORGAN TOXICITY

SINGLE EXPOSURE (GHS):

No data available

REPEATED EXPOSURE (GHS):

No data available

GERM CELL MUTAGENICITY:

Salmonella Typhimurium Reverse Mutation Assay

REPRODUCTIVE TOXICITY:

No data available

TERATOGENICITY:

No data available

ASPIRATION HAZARD:

No data available

NUMERICAL MEASURES OF TOXICITY:

Cancer Lists: NTP Carcinogen

Ingredient	Known	Anticipated	IARC Category
Witch Hazel Distillate (84696-19-5)	No	No	None
Alcohol (Ethanol-Natural Grain USP) (64-17-5)	No	No	None

**12. ECOLOGICAL INFORMATION**

ECOTOXICITY:

No information available

PERSISTENCE AND DEGRADABILITY:

Readily biodegradable

BIOACCUMULATIVE POTENTIAL:

Low bioaccumulation potential (ethanol)

MOBILITY IN SOIL:

No information available

RESULTS OF PBT AND vPvB ASSESSMENT:

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

OTHER ADVERSE EFFECTS:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**13. DISPOSAL CONSIDERATIONS**

WASTE TREATMENT METHODS:

Not a RCRA hazardous waste. Disposal of this material is not regulated under RCRA. Consult federal, state and local regulations to ensure that this material and its containers are disposed of in compliance with all regulatory requirements. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal



regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

#### 14. TRANSPORT INFORMATION

DOT: Not regulated. Special provision 49 CFR 173.150 (e) – Aqueous solution containing greater than 50% water and less than 24% alcohol and no other hazardous material.

ADR/RID: Not regulated. Aqueous solutions of ethyl alcohol and alcoholic beverages containing not more than 24% alcohol by volume are not subject to the provisions of the ADR.

IATA: Not regulated. Special provision A58. Ethanol aqueous solutions containing 24% or less alcohol by volume.

IMDG: Not regulated. Special provision 144. Aqueous solutions containing 24% or less ethanol by volume.

SPECIAL PRECAUTIONS FOR USER: Under the sustained combustibility test L2 the product does not support combustion, therefore the material is classified as “Non-Hazardous for transportation.”

#### 15. REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

SARA 302 COMPONENTS:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 313 COMPONENTS:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA 311/312 HAZARDS:

MASSACHUSETTS, PENNSYLVANIA, AND NEW JERSEY RIGHT TO KNOW COMPONENTS:  
CALIFORNIA PROP. 65 COMPONENTS:

Ethanol, CAS# 64-17-5

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

CHEMICAL SAFETY ASSESSMENT:

This product contains substances for which Chemical Safety Assessments are not required.

#### 16. OTHER INFORMATION

None available

#### Revised on 7/20/2021

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although YellowBee Packaging and Supplies Inc. believes the above information to be accurate based on the information available to YellowBee, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from YellowBee meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to



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As the use(s) of this product is outside the control YellowBee Packaging and Supplies Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of YellowBee Packaging and Supplies Inc. is limited to the value of the goods and does not include any consequential loss. YellowBee Packaging and Supplies Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. YellowBee Packaging and Supplies Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Alberta.